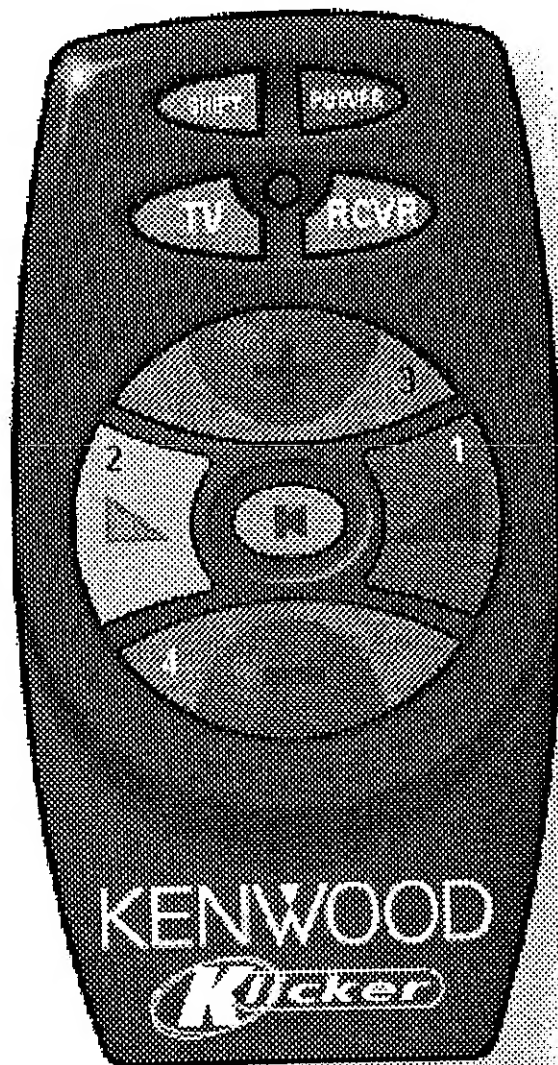


Using Your

KENWOOD

Klicker

REMOTE CONTROL



INTRODUCTION

Your KENWOOD KLICKER is an auxiliary remote that makes it easy to control the basic functions of your KENWOOD receiver and your television. It comes pre-programmed to operate all VR-series KENWOOD receivers from the VR-205 through the VR-3100.

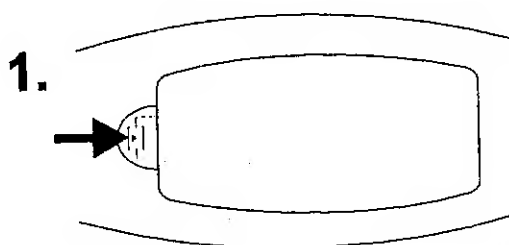
Your KENWOOD KLICKER also has a pre-programmed data-

base of basic controls for most popular brands of televisions.

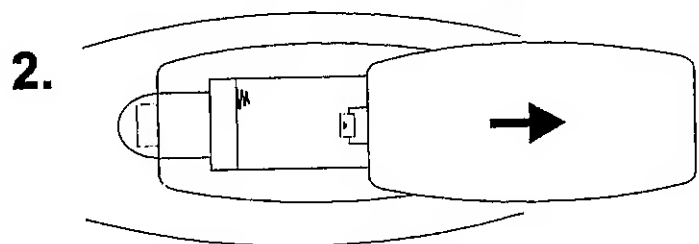
In addition to its pre-programmed control capabilities, you can customize your KENWOOD KLICKER by teaching it functions from any IR remote control that you own.

INSTALLING THE BATTERIES

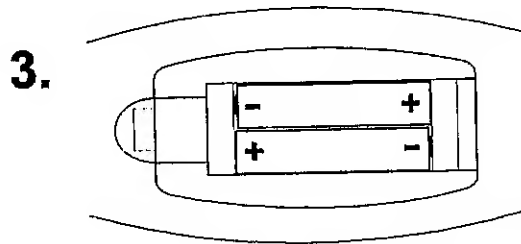
1. Press the tab in the direction of the arrow to unlock the battery cover.



2. Remove the battery cover.



3. Insert 2 "AAA" batteries (*not included*) as shown and replace the battery cover.

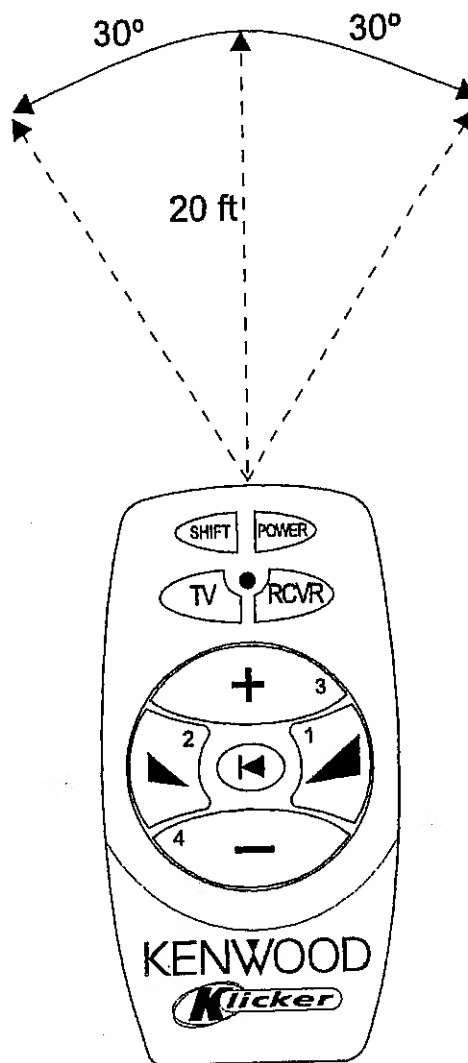


OPERATING RANGE

When using the KENWOOD Klicker, point its IR transmitter towards the receiver or TV; the KENWOOD KLINKER will operate up to 20 feet away and 30 degrees off-axis from them. (See diagram to the right.) If you use the KENWOOD KLINKER outside of this range, it may not function properly.

When the KENWOOD KLINKER's operating distance shortens, replace both batteries with new ones. The KENWOOD KLINKER will remember any learned codes even if the batteries are removed.

If your TV or receiver's front panel is in direct sunlight or bright fluorescent light, the KENWOOD KLINKER may not function properly. If this happens, remove the light source or move the TV or receiver.



HANDLING THE KENWOOD KLINKER

The KENWOOD KLINKER's centrally-located controls make it easy to use for both right-handed and left-handed people.

The KENWOOD KLINKER has 2 small feet so you can set it on a table to use it, and it is balanced so you can stand it up vertically.

The KENWOOD KLINKER's special exterior finish makes it particularly comfortable in your hand.

PROGRAMMING YOUR TV'S CONTROL CODE

To use the KENWOOD KLICKER to control your TV, you need to program it with your TV's brand.

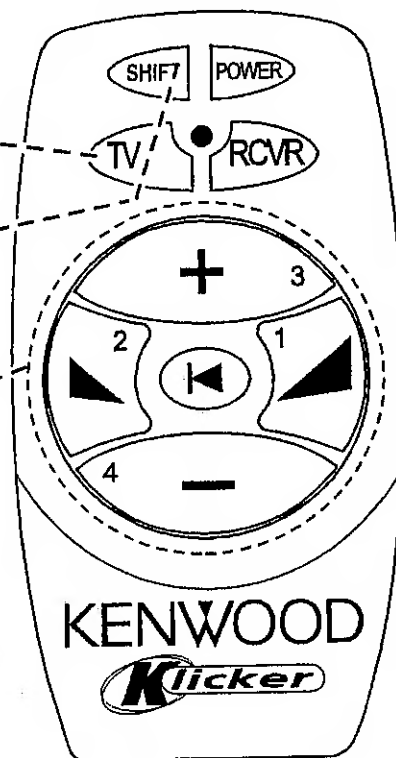
1. Locate your TV's brand from the code list on pages 10 - 12.

2. Press and release the TV button once.

3. Press and hold the *SHIFT* button until the red light flashes twice, then release the button.

4. Use the numbered buttons to enter the first 4-digit code number listed for your TV's brand. The numbered buttons have the following color coding:

Button Color	Number
Purple	1
Yellow	2
Blue	3
Red	4

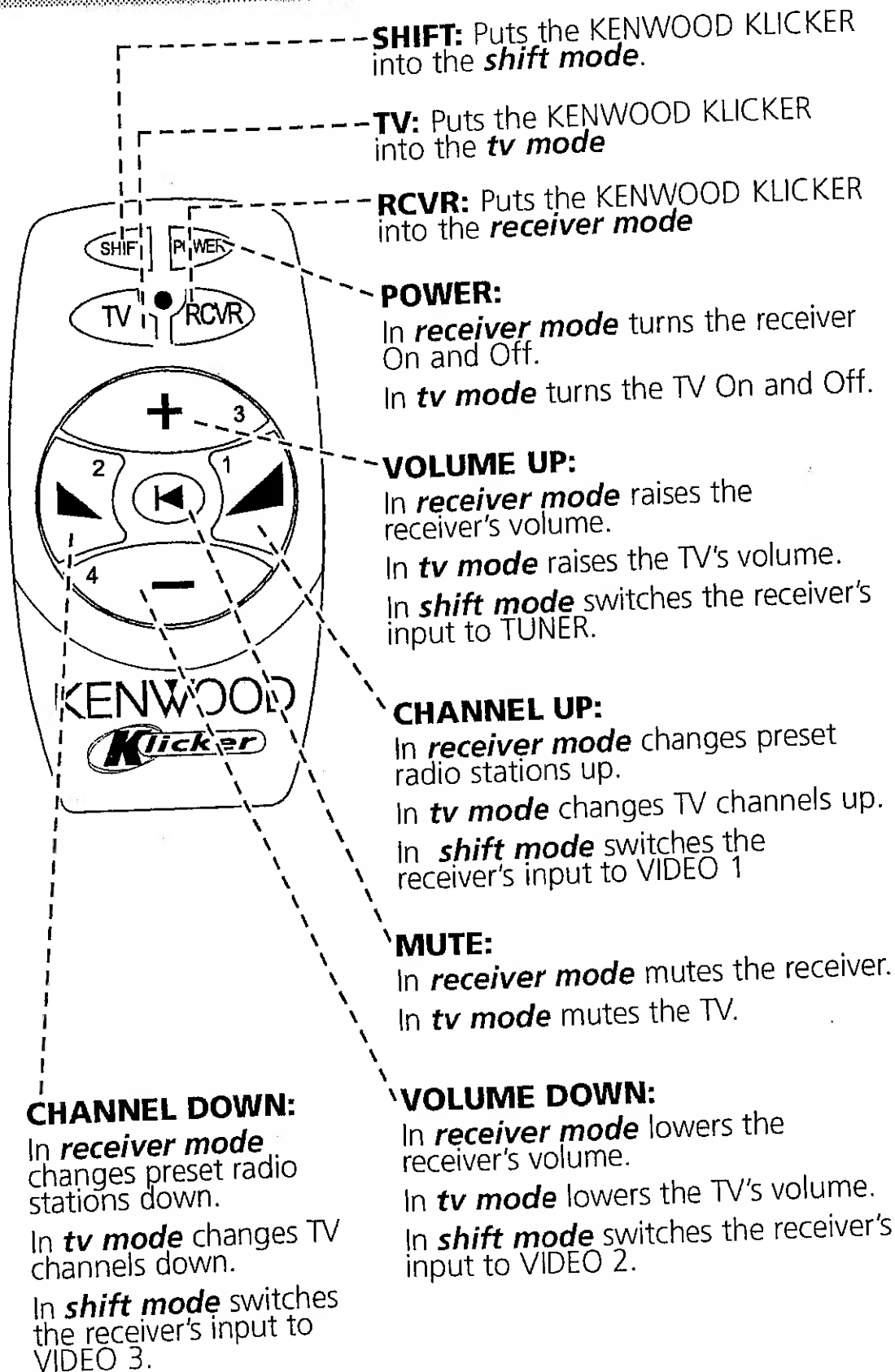


After you have entered in the last number the red light will flash twice to acknowledge the code entry .

5. Aim the KENWOOD KLICKER at your TV and press its *POWER* button. If your TV turns on or off you have entered the correct 4-digit code number. If not, repeat steps 3 through 5 using the next code number listed for your brand until you find the one that operates your TV.

Refer to page 5 for details on using the KENWOOD KLICKER to control your TV.

WHAT THE BUTTONS DO



CUSTOMIZING YOUR KENWOOD KLICKER

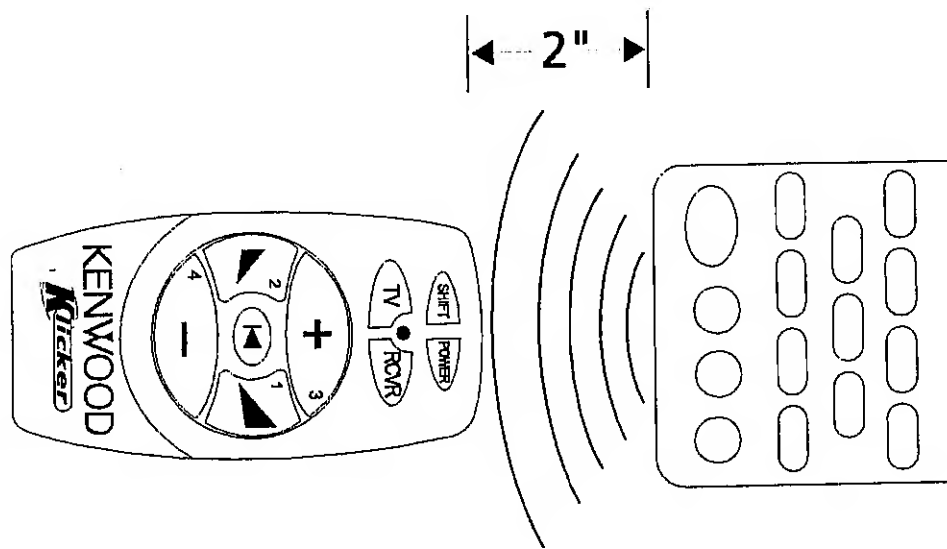
Teaching TV Mode Shift functions

You can customize your KENWOOD KLICKER by teaching it functions from any IR remote that you own. You can add TV mode Shift functions to the blue, purple, red, gray and yellow buttons.

To use these learned functions, press the *SHIFT* button before pressing the button you taught the new function.

1. Press and hold the *SHIFT* button until the red light blinks twice, then release the button.
 2. Press the gray button once, then the purple button twice. The red light will blink twice after this sequence.
 3. Press and release the *TV* button.
- Note: Steps 4 - 7 must be completed within 10 seconds. Please quickly scan through steps 4 - 7 before beginning step 4.*
4. Press and release the *SHIFT* button (don't hold it down).
 5. Press and release the button (blue, purple, red, yellow, gray, or *POWER*) you want to teach the new function to. The red light will blink rapidly.
 6. Place your original remote nose to nose with the KENWOOD KLICKER, about 2 inches apart. (See diagram to the right).
 7. On your original remote, press and hold the button you would like the KENWOOD KLICKER to learn until the KLICKER's red light blinks twice. (If it turns off and does not blink twice, repeat steps 4 - 7).
- Repeat steps 4 - 7 to teach functions to other buttons.
8. When you're finished teaching new functions to your KENWOOD KLICKER, press and hold the *SHIFT* button until the red light blinks twice to lock in all the new functions, then release the button.
 9. Pressing the *SHIFT* button and then the color-coded buttons when in the TV mode will perform the learned functions.

CUSTOMIZING YOUR KENWOOD KICKER (continued)



DELETING LEARNED SHIFT FUNCTIONS

1. Press and release the *TV* button.
2. Press and hold the *SHIFT* button until the red light blinks twice, then release the button.
3. Press the gray button once, then the purple button, then the yellow button. The red light will blink twice after this sequence.
4. Press and release the *SHIFT* button, then press and release the button that was assigned the learned function, then press and release it again.
6. The red light will blink twice to acknowledge the deletion.

CUSTOMIZING YOUR KENWOOD KLICKER (continued)

Replacing Pre-Programmed Functions

You can also customize your KENWOOD KLICKER by teaching it functions that substitute for its pre-programmed Receiver and TV functions. You can teach new functions onto the blue, purple, red, yellow, gray, and POWER buttons in both the TV and RCVR (receiver) control modes.

IMPORTANT: *When you teach these new functions to a button, it erases that button's original Receiver and TV function. If you erase any of the original Receiver functions and want to restore them, you will have to learn them from your receiver's original remote. If you erase any of the TV functions and want to restore them, you will have to re-program the KENWOOD KLICKER with your TV's 4-digit setup code (see page 4).*

1. Press and hold the *SHIFT* button until the red light blinks twice.
2. Press the gray button once, then the purple button twice. The red light will blink twice after this sequence.
3. Press the mode button (TV or RCVR) where you want the new function to be.
- Note: Steps 4 - 7 must be completed within 10 seconds. Please quickly scan through steps 4 - 7 before beginning step 4.
4. If you want to replace a Shift function, press and release the *SHIFT* button. If not, skip to step 5.
5. Press and release the button (blue, purple, red, yellow, gray, or *POWER*) you want to teach the new function to. The red light will blink rapidly.
6. Place your original remote nose to nose with the KENWOOD KLICKER, about 2 inches apart. (See diagram on page 7).

CUSTOMIZING YOUR KENWOOD KLICKER (continued)

7. On your original remote, press and hold the button you would like the KENWOOD KLICKER to learn until the KLICKER's red light blinks twice. (If it turns off and does not blink twice, repeat steps 4 - 7).
 8. When you're finished teaching new functions to your KENWOOD KLICKER, press and hold the *SHIFT* button until the red light blinks twice to lock in all the new functions.
 9. The color-coded buttons will now perform the learned functions instead of the pre-programmed ones.
- Repeat steps 4 - 7 to teach functions to other buttons.

DELETING REPLACEMENT FUNCTIONS

1. Press and release the mode button (TV or RCVR) where the learned function can be found.
2. Press and hold the *SHIFT* button until the red light blinks twice, then release the button.
3. Press the gray button once, then the purple button, then the yellow button. The red light will blink twice after this sequence.
4. **To delete a *SHIFT* function**, press and release the *SHIFT* button, then press and release the button that was assigned the learned function, then press and release it again.
5. **To delete a non-*SHIFT* function**, press and release the button that was assigned the learned function, then press and release it again.
6. The red light will blink twice to acknowledge the deletion.

TV PROGRAMMING CODES

A-Mark 1114
 AOC 1114, 1214, 1243,
 1421, 3432
 Abex 1311
 Admiral 2242
 Adventura 1343
 Aiko 2241
 Akai 1243
 Alaron 3414, 3424
 Ambassador 3412
 Ampro 1331
 Anam; Anam 1121, 1424, 2121,
 National 3421
 Archer 1114
 Audiovox 1114, 1232, 1321,
 2241
 Baysonic 3421
 Belcor 1214
 Bell&Howell 1211, 3233
 Bradford 3421
 Brockwood 1214
 Broksonic 1114, 1233, 4341
 CCE 1134, 4232
 CXC 3421
 Candle 1243, 1343, 1431,
 3433
 Carnivale 1243
 Carver 1423
 Celebrity 1111
 Cinerall 1232, 2241
 Citizen 1131, 1243, 1324,
 1343, 1431, 1441
 2241, 3433
 Claritone 3432
 Concerto 1431
 Contec 3242, 3243, 3421,
 3432
 Craig 3421
 Crosley 1423
 Crown 1324, 3421

Curtis Mathes 1211, 1232, 1241,
 1243, 1324, 1344,
 1414, 1423, 1431,
 1441, 2242, 3212,
 3233, 3323
 Daewoo 1214, 1232, 1321,
 1322, 1324, 2241,
 2234
 Daytron 1214
 Denon 3212
 Dumont 1212, 1214
 Dwin 1323, 1332
 Electrobrand 1111, 3432
 Electrohome 1141, 1213
 Emerson 1122, 1131, 1132,
 1214, 1233, 1322,
 1324, 3233, 3243,
 3412, 3413, 3414,
 3421, 3423, 3432,
 4341
 Envision 1243
 Fisher 3233
 Fujitsu 3414
 Funai 3334, 3414, 3421
 Futuretech 3421
 GE 1124, 1132, 1222,
 1232, 1234, 1344,
 1414, 1424, 2242,
 3413, 4434
 Gibraltar 1212, 1214, 1243
 Goldstar 1112, 1113, 1213,
 1214, 1243, 1311,
 1431, 2333, 3413
 Gradiente 1143, 1422, 1431
 Grunpy 3414, 3421
 Hallmark 3413
 Harley 3414
 Davidson
 Harvard 2121, 3421
 Hitachi 1124, 1213, 1221,
 1311, 1431, 3212
 Infinity 1423
 Inteq 1212

TV PROGRAMMING CODES (cont.)

IBL	1423	NEC	1243, 1214, 1313, 1431
JCB	1111	NTC	2241
JVC	1422, 2122, 3311, 3423	Nikko	1243, 2241, 3413
Janell	1343	Noblex	1224
KEC	3421	Onwa	3421
KMC	2333	Optimus	3233, 3323, 4433
KTV	1131, 1243, 1324, 3421, 3424, 3432 4232	Optonica	2242, 3322
Kawasho	3243	Orion	1233, 3414, 4341
Kaypani	1421	Panasonic	4433, 1414, 1424, 4313,
KENWOOD	1214, 1243	Penney	1113, 1114, 1214, 1222, 1234, 1243, 1311, 1324, 1344, 1414, 1431, 1441, 3241, 3413
Kloss	1231, 1343	Philco	1423, 1214, 1233, 1243, 2311, 3212
LG	1431	Philips	1423
LXI	1344, 1423, 3221, 3233, 3241, 3413	Pilot	1214, 1243, 1324
Logik	1211	Pioneer	3323
Luxman	1431	Portland	1214, 1324, 2241
MEI	3432	Prism	1414
MGA	1214, 1243, 3223, 3234, 3413	Proscan	1344
MTC	1214, 1243, 1431, 1441, 2234, 3432	Proton	1114, 1241, 1421, 3413
Magnavox	1142, 1231, 1243, 1423, 2311, 3414, 3433, 3434	Pulsar	1212, 1214
Majestic	1144, 1211	Quasar	4433, 1414, 1424, 3322,
Marantz	1243, 1423	RCA	1344, 1123, 1214, 1414, 2233, 2242
Matsushita	4433	Radio Shack	1213, 1214, 1243, 1311, 1324, 1344, 1431, 3233, 3322, 3413, 3421
Megatron	1114, 3212, 3413	Realistic	1214, 1243, 1311, 1324, 1431, 3233, 3322, 3413, 3421
Memorex	1211, 1431, 2333, 3223, 3233, 3413, 4333	Rhapsody	3424, 3432
Midland	1212, 1311, 1324, 1344, 1414	Runco	1212, 1243, 1313, 1314, 4434
Minutz	1222	SSS	1214, 3421
Mitsubishi	1214, 2242, 3223, 3234, 3413		
Motorola	1424, 2242		
Multitech	3421, 4232		
NAD	3241, 3323, 3413		

TV PROGRAMMING CODES

Sampo 1243, 1311, 1324, 1421
 Samsung 1441, 1134, 1214, 1223, 1242, 1243, 1311, 1431, 3413
 Samsux 1324
 Sansei 1232
 Sansui 1233
 Sanyo 3233, 1244, 3213
 Scimitsu 1214
 Scotch 3413
 Scott 1214, 3413, 3414, 3421, 4341
 Sears 1144, 1344, 1423, 1431, 3213, 3221, 3233, 3241, 3334, 3413, 3414
 Semivox 3421
 Semp 3241
 Sharp 2242, 3322, 1142, 1312, 1324, 3232, 3242
 Shogun 1214
 Signature 1211
 Simpson 3433, 3434
 Sony 1111, 2211, 2344
 Soundesign 3413, 3414, 3421, 3433
 Spectricon 1114
 Squareview 3334
 Starlite 3421
 Supre-Macy 1343
 Supreme 1111
 Sylvania 1423, 1141, 1243, 2311
 Symphonic 3334
 TMK 1431, 3412, 3413
 Tandy 2242
 Tatung 1114, 1424
 Technics 1414, 4433
 Technol Ace 3414

Techwood 1114, 1414, 1431
 Teknika 1133, 1211, 1214, 1324, 1423, 1431, 1441, 2241, 3223, 3414, 3421, 3433
 Telefunken 1431
 Toshiba 3241, 1441, 3233,
 Tosonic 3432
 Totevision 1324
 Trical 3242
 Universal 1234
 Vector Research 1243
 Victor 1422
 Vidikron 1423, 4413
 Vidtech 1214, 3413
 Viking 1133, 1343
 Wards 1211, 1214, 1222, 1234, 1243, 1423, 1431, 2211, 2311, 2344, 3322, 3413, 3414
 White 1321, 1322
 Westinghouse
 Yamaha 1214, 1243
 Zenith 1212, 1211, 2241
 Zonda 1114

If you have any questions about your KENWOOD KLICKER, please contact our Stage 3 Customer Service Department at (800) KENWOOD, or visit our Internet Web site at: www.kenwoodusa.com

KENWOOD USA CORP.
 2201 E. Dominguez St.
 Long Beach, CA 90810-5745
 Telephone: (800) KENWOOD

E-mail:
product@kenwoodusa.com

Web site:
www.kenwoodusa.com